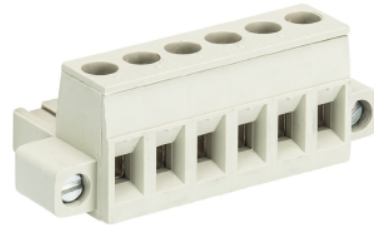


## Data sheet

Commercial Art.No.: 25.322.3553.0

PCB connector 8113 B / 5 F OB

PCB female connector with screw connection with rising cage clamp system, 5 poles, max. cross section: 2.5 mm<sup>2</sup>, pitch: 5 mm, type of packing: carton, color: grey



Commercial Art.No.	25.322.3553.0
EAN	4015573335301
Order Unit	50

Certificates / Approvals



## Technical data

### General

Modular spacing	5 mm
Connection type	screw connection
Soldering process	None
Packaging	Carton
Number of poles	5
Marking	No
Fastening	Flange
Mating direction towards connector	180°

### Technical data

Nominal cross section	2.5 mm <sup>2</sup>
Rated current	12 A
Overvoltage Category I	1000 V
Overvoltage Category II	400 V
Overvoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	6 mm

### Connection Data

Minimum cross section solid	0.14 mm <sup>2</sup>
Maximum cross section solid	2.5 mm <sup>2</sup>
Minimum cross section fine stranded	0.14 mm <sup>2</sup>
Maximum cross section fine stranded	2.5 mm <sup>2</sup>
Wire strip length	6 mm

### Technical Data UL/CSA

Cross section UL	22-12 AWG
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Voltage UL	300 V
Current field wiring	15 A
Current factory wiring	15 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	15 A

**Other**

Type of insulation material	Thermoplastic
Color	Grey
Height	15 mm
Length	25 mm
Depth	18.2 mm
Material attachment screw	CuSn/Steel
Material contact base	CuSn
Material contact surface	Sn

**Classification**

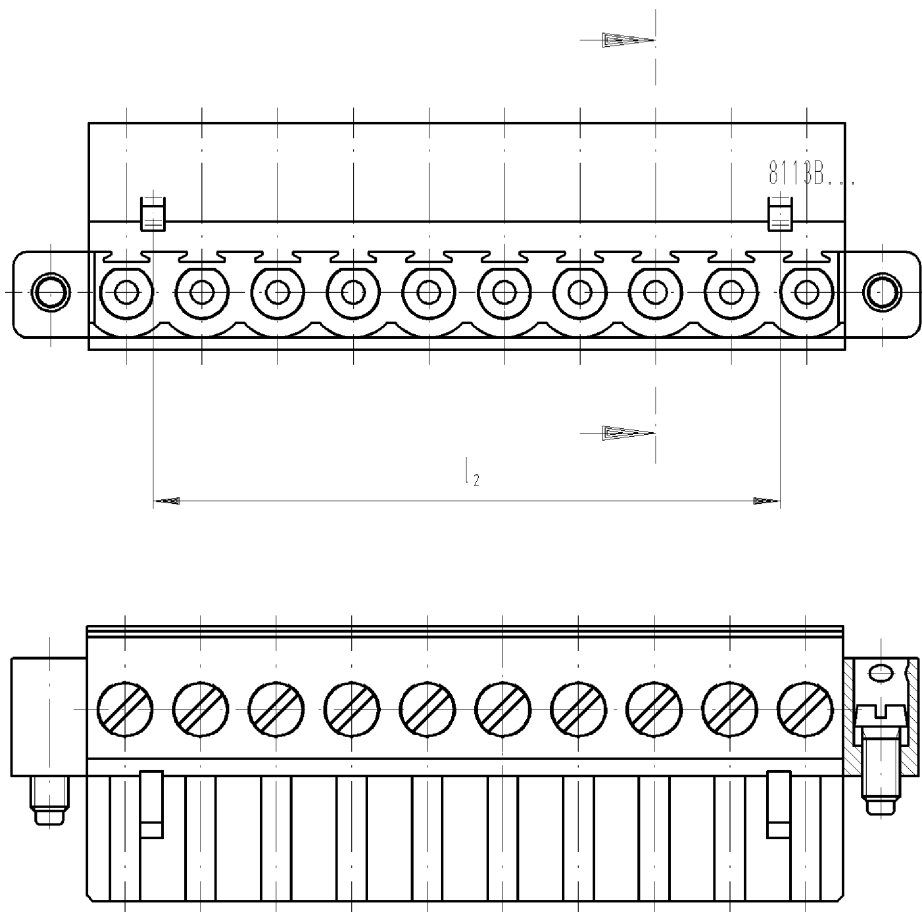
ECLASS 11	
ECLASS 8.1	27440402
ETIM 7.0	EC002637
ETIM 6.0	EC002637
ETIM 5.0	EC002637
ETIM 4.0	EC002637

**Product compliance**

ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

**Fits with**

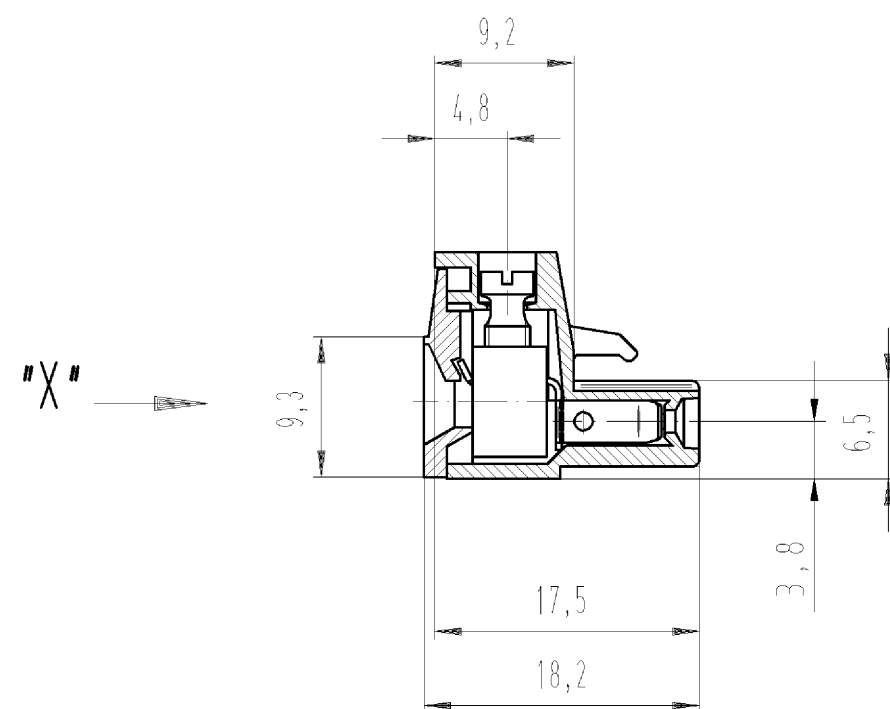
Commercial Art.No.:	Article-type description:	Description:
25.339.3553.0	PCB pin header 8113 S / 5 WF OB	PCB pin header, connection method depends on used socket part , 5 poles, pitch: 5 mm, type of packing: carton, color: grey
25.338.3553.0	PCB pin header 8113 S / 5 GF OB	PCB pin header, connection method depends on used socket part , 5 poles, pitch: 5 mm, type of packing: carton, color: grey



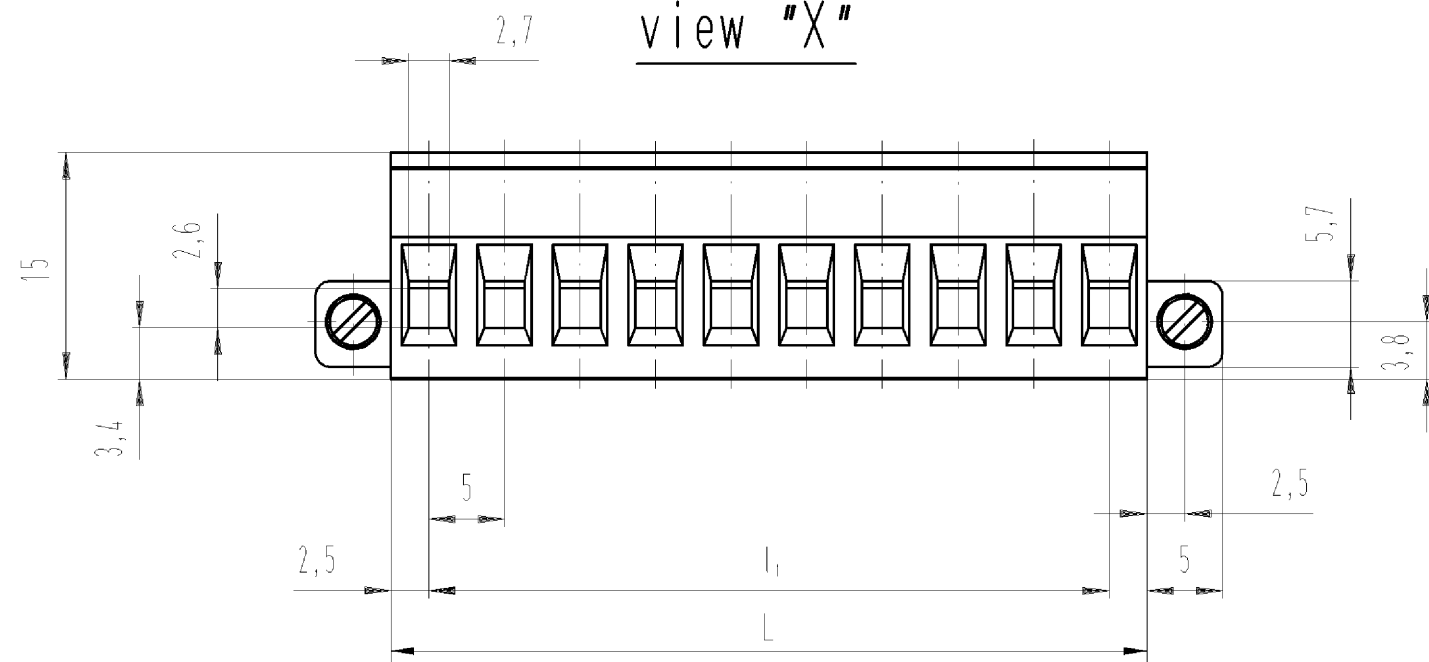
gezeichnete Ausführung: 10-polig  
drawn version 10 poles

.F	Farbe/colour
.0	grau/grey
.1	schwarz/black
.7	grün/green

Teile-Nr. part-no.	Pol-Z. pole	L	l <sub>1</sub>	l <sub>2</sub>	Typ type	Teile-Nr. part-no.	Pol-Z. pole	L	l <sub>1</sub>	l <sub>2</sub>	Typ type
25.322.3253	2	10	5	-	8113B/02FOB	25.322.4353	13	65	60	56.5	8113B/13FOB
25.322.3353	3	15	10	6.5	8113B/03FOB	25.322.4453	14	70	65	61.5	8113B/14FOB
25.322.3453	4	20	15	11.5	8113B/04FOB	25.322.4553	15	75	70	66.5	8113B/15FOB
25.322.3553	5	25	20	16.5	8113B/05FOB	25.322.4653	16	80	75	71.5	8113B/16FOB
25.322.3653	6	30	25	21.5	8113B/06FOB	25.322.4753	17	85	80	76.5	8113B/17FOB
25.322.3753	7	35	30	26.5	8113B/07FOB	25.322.4853	18	90	85	81.5	8113B/18FOB
25.322.3853	8	40	35	31.5	8113B/08FOB	25.322.4953	19	95	90	86.5	8113B/19FOB
25.322.3953	9	45	40	36.5	8113B/09FOB	25.322.5053	20	100	95	91.5	8113B/20FOB
25.322.4053	10	50	45	41.5	8113B/10FOB	25.322.5153	21	105	100	96.5	8113B/21FOB
25.322.4153	11	55	50	46.5	8113B/11FOB	25.322.5253	22	110	105	101.5	8113B/22FOB
25.322.4253	12	60	55	51.5	8113B/12FOB						



Ansicht "X"  
view "X"



Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.  
[This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances].

ja/yes  Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten.  
Conformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance	CAD - Zeichnung, keine manuellen Änderungen CAD - drawing, no manual modifications allowed	1. Verwendung: First Use:	Blatt: 1 von 1 Sheet: of 1
Werkstoff/Material	2005 Tag/Date Name	Zeichnung Nr./Drawing No.	
Maßstab/Scale 2:1	gezeichnet drawn 08.12. Schmitt J.	25.322.3253.0 01K	
Vol. mm <sup>3</sup> Off./Surf. mm <sup>2</sup>	Ersatz für/Replacement for: -	Maße in mm/Dimensions are in mm	
wieland	Type	Benennung/Title	
Elektrische Verbindungen	LP_STECKKLEMME		
Änderung/Revision	indirekt steckbar, Schraubausführung Rastmass 5 Pluggable PCB terminal rising cage clamp, pitch 5		

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 253223253001K\_4\_CADW1044\_Schmitt\_2005-12-20T08:48:13 1.000  
 QU-PEM-08/91